



Member Impacting Project Overview Markets Release 2.2

Version 4

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Version Control

Version	Date	Author	Change Description
1.0	073120	SPP	Initial publication
1.1	121420	SPP	Updated to include information about additional release content and member testing dates: <ul style="list-style-type: none"> • Allow Markets UI/API to display data older than 7 days • MUI: Resource Offer Reports download • New CommitmentHistory operations requested • MCE does not keep Reliability resources online to meet min run time requirement • PPRs that submit offers may be reported as mitigated – (WEIS only)
2.0	022321	SPP	Updated Member Testing and Implementation dates under Summary of Timeline
2.1	032421	SPP	Updated Executive Summary section, corrected date for start of Member Testing
3.0	050721	SPP	In Summary of Timeline section, updated implementation

			date; added first date MD-FC study will run, and date web services will be disabled
4.0	06/01/2021	SPP	In Summary of Timeline Section, updated implementation date and date first MD-FC study will run

Executive Summary

In this document the term “members” refers to any and all stakeholders which could include market participants, members, customers, transmission owners, vendors, etc.

- *This release is member-impacting and contains these items*
 - *Multi-Day Pricing and Commitment Forecast*
 - *Allow Markets UI/API to display data older than 7 days*
 - *MUI: Resource Offer Reports download*
 - *New CommitmentHistory operations requested*
 - *MCE does not keep Reliability resources online to meet min run time requirement*
 - *WEIS: PPRs that submit offers may be reported as mitigated*

Multi-Day Forecast (MD-FC) will provide a forecast for resource commitments and prices for several days into the future. This information will allow Integrated Marketplace (IM) participants to better anticipate and plan for upcoming market conditions. The results from this study are not financially binding and are for informational purposes only. The study will provide up to four days of hourly commitment data. The projected commitment data is shared with Market Participants through the Market User Interface (MUI) and Market API. Forecasted pricing data produced by the MD-FC study will be posted on the SPP Public Data portal.

Allow Markets UI/API to display data older than 7 days will allow users to view and query 10 days of historical data through the Markets UI and API. This item is member-facing for Integrated Marketplace and WEIS.

MUI: Resource Offer Reports download: corrections made to the Mitigated Resource Offers Download and the Reserve Mitigated Resource Offers Download so the csv file downloads correctly for each report.

New CommitmentHistory operations requested: this is a new operation for which members will need to code. The WSDL provides needed information for this work.

MCE does not keep Reliability resources online to meet min run time requirement: this item impacts those resources that get committee for reliability reasons to keep them online through their minimum runtime in SPP’s studies.

PPRs that submit offers may be reported as mitigated – (WEIS only) Partial Participation Resources (PPRs) are not expected to submit offers. If they do, MDB performs behavior tests and can enable the Mitigation Flag. The behavior test will now not be performed on a resource identified as a PPR.

Business Impact

This project will include changes to the Market User Interface (MUI) and Market API. Therefore, the project will impact all eastern interconnection end users of the MUI and Market API.

Any interested party will be able to access forecasted prices through SPP’s public data portal. Since this study is for informational purposes only, it will not impact any settlements processes, statements, or reports.

Affected?	Services Impacted by Changes
X	Eastern Interconnection (Integrated Marketplace)

	Western Reliability Coordination
X	Western Energy Imbalance Services Market

Users Impacted

Eastern Interconnect Market Participant users of the SPP Integrated Marketplace Markets UI/API.

Business Functions Impacted

The Multi-Day Forecast is for informational purposes only. Market Participants can use this information within their organizations as they see fit with the understanding that the study is a projection based on the forecasts and input data available at the time the study is executed. System conditions may change drastically leading to binding prices and commitments that are significantly different than the projection.

Technical Impact

Markets UI/API – There were new queries within the Markets UI/API related to the outputs of the Multi-Day Forecast. These changes will need to be coded for in the Market Participant APIs.

Markets Notifications – There will be an additional notification to the Market Participants indicating that the Multi-Day Forecast is available to be queried within the Markets UI/API. This additional notification to Market Participants will need to be coded for in the Market Participant APIs.

SPP Systems/Processes Impacted

This project requires changes to

- Markets UI/API (eastern interconnection only)
- Markets Notifications (eastern interconnection only)

Anticipated Member Systems/Processes Impacted

This project will impact any member systems that interact with the Market User Interface or Market API.

This project may also impact any applications that scrape public data from SPP’s public data portal.

Member Requirements

This project requires changes to the API to receive the updated information (eastern interconnection only).

Testing

Members who use the Market User Interface and Market API should acknowledge they received results from the testing.

Testing Assumptions:

- This project timeline will not include connectivity testing.
- MP staff who are participating in the testing are trained on the systems they are testing.

No formal testing liaisons will be required for this project. Testing kickoff will be held January 21st from 2-3 p.m. CPT. Registration details will be provided later.

Training

Training information will be provided during the testing kickoff meeting.

Training Assumptions:

- All member companies will identify personnel to receive project-related training and/or documentation.
- All member companies will use the LMS to register for any project-related training sessions, if applicable.
- SPP Training will provide learning opportunities that aid understanding, but each entity will be expected to certify performance readiness.

Implementation/Back-out Plan

TBD

Summary of Timeline

Date	Responsible Party	Action
05/01/2020-09/17/2020	SPP	Requirements, design, build
07/31/2020	SPP	Publish initial MIPO
Week of 08/03/2020	SPP	Publish MP specifications
12/09/2020	SPP	Publish final specifications
02/18/2021	SPP	Testing Kickoff meeting
03/10/2021-04/16/2021	Member	MP testing phase
06/03/21	SPP / Member	Implementation
06/04/2021	SPP	First multi-day forecast (MDFC) study runs
06/17/2021	SPP	EnergyWebServiceV16, EnergyNotifyServiceV16, ReserveWebServiceV8 and ReserveNotifyServiceV8 will be disabled on 6/17/2021

Project Assumptions

The resource commitments and prices produced from the Multi-Day Forecast study are for informational purposes only.

Risks

No known risks.

Additional Documentation

Supporting documentation is located on spp.org under CWG Project Documentation in the folder [Markets Release 2.2](#).

Communication Plan

Communication about this project will be handled through verbal and written reports in the Change Working Group meetings for the duration of the project.

MIPO and Project Documentation

All project information will be posted to the SPP Change Working Group Project Documentation folder under folder. [Markets Release 2.2](#).

This MIPO will be updated with any new information, according to the Member Project Touch Points and Deliverables. With any update, a redline version will be posted to the project documentation folder, and the CWG will be notified.

Next Steps

Action	Assignee	Status & Due Date
When the final specs are published, become familiar with the changes.	Member	12/09/2020

FAQs

Frequently asked questions will be added to the document as identified or necessary.

Question	Origination	Answer

More Information

At any time, members can ask questions by completing an RMS ticket using "Project Inquiries" Quick Pick and this project's subject option. RMS link: <https://spprms.issuetrak.com/login.asp>

If a new user ID is needed for RMS, click on that link and follow the directions for "Register Now."

Search Request # or Subject🔍

Submit Request

Quick Pick: ▼

* Class: ▼

Request Status: ▼ ▼

This Request is used to submit an inquiry regarding current SPP Projects.

Do NOT change Request Type. Doing so will delay a response to your inquiry.

In *Subtype 1* select the appropriate project. Your selection ensures timely assignment of your i

* Request Type: ▼

* Subtype 1: ▼